HW#78H: Factoring x^2 + bx +c

Honors Geometry

Due: February 10th, 2016

*Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PD:\_\_\_\_\_\_*

***Directions:*** *Failure to show all work will result in LaSalle.*

|  |  |
| --- | --- |
| 1. Factor: | 1. Factor: |
| 1. Factor: | 1. Factor: |
| 1. Factor: | 1. Factor: |
| 1. Factor: | 1. Factor: |
| 1. Factor: |  |

|  |  |
| --- | --- |
| 1. Factor: | 1. Factor: |
| 1. The area of a rectangular knitted blanket is .    1. What are the possible dimensions of the blanket?    2. What is the perimeter of the blanket?    3. Pretend the perimeter of the blanket is 96 inches. What is the length of the blanket? What is the width of the blanket? | |
| 1. The area of a square painting is .    1. What is the side length of the painting?    2. What is the perimeter of the painting? | |
| 1. The area of a rectangle is . What are the possible dimensions of the rectangle? | |